

# ARRI, SONY, RED AND PHANTOM UNDERWATER CAMERA SYSTEMS

# Hydroflex®

The Hydroflex RAC (RemoteAquaCam) was engineered primarily for use with our remote 2-axis Hydrohead on a crane for at sea or wet stage work. Field testing has also proven the AquaCam to be useful for handheld filming under the water or floating on the surface because of its aquadynamic shape. Moreover, the AquaCam is ideal to shoot on cramped underwater sets, e.g. submerged cars.

Designed around standard Arri film/digital cameras and Preston remote focus and iris controls, this low profile camera system can be easily fitted with Cooke, Zeiss, Hawk or Panavision spherical and anamorphic lenses. Small Vantage and Century lightweight zoom lenses can also be used. Both flat and dome ports are available as well as a variety of port extension rings to accommodate the different lenses. Water drops are cleared from the front port by an air-powered rain deflector.

The Alexa HD-SDI output can be connected to a 4.3" HD LCD underwater monitor for hand-held viewing, allowing the operator to set the frame while the camera assistant rolls camera, and pulls focus, iris and zoom from above water from as far as 30m away. The optional Preston Marine FI&Z hand unit or Arri WCU-4 gives the camera assistant start/stop, focus and iris control underwater. All camera functions can be controlled using a WCU-4 with an Alexa Remote licence key installed.



**Preston Marine FI&Z hand unit**

| Hydroflex®                            | Arri  | Sony   | Red  | Phantom  |
|---------------------------------------|---|--|--|--|
| <b>Camera</b>                         | Alexa, Alexa Mini, Alexa Mini LF  | Venice   | Epic, Weapon, Helium, Monstro                                      | Flex 4K  |
| <b>Dimensions l x h x w</b>           | 30 x 30 x 71 cm   |  |  |  |
| <b>Weight in air (fully equipped)</b> | handheld 35 kg<br>remote 33 kg  | handheld 34 kg<br>remote 32 kg                                     | handheld 33 kg<br>remote 31 kg                                     | handheld 34 kg<br>remote 32 kg                                     |
| <b>Weight in saltwater</b>            | handheld 1.2 kg<br>(with slide in diving weight)<br>remote -1.3 kg  | handheld 1.2 kg<br>(with slide in diving weight)<br>remote -1.3 kg | handheld 1.1 kg<br>(with slide in diving weight)<br>remote -1.2 kg | handheld 1.2 kg<br>(with slide in diving weight)<br>remote -1.3 kg |
| <b>Operating depth</b>                | 30m   |  |  |  |
| <b>Viewing</b>                        | 4.3" HD LCD underwater monitor  |  |  |  |
| <b>Lens port</b>                      | flat and dome, extension rings accommodate the different lenses   |  |  |  |
| <b>Lenses</b>                         | Hawk class-X, Hawk V-Lite, Hawk C-Series, MiniHawk, Vantage One T1, Arri Master Primes, Vantage Zoom 17-35 mm, Century Zoom 28-70 mm, Zeiss UP Series, Cooke S4 Series, Canon Zooms |  |  |  |

**Further detailed information on our website [www.vantagefilm.com](http://www.vantagefilm.com) (underwater section)**